

# **ENVIRONMENTAL AUDIT, INC.**

# **FILE COPY**

1000-A ORTEGA WAY • PLACENTIA, CA 92870-7162

714/632-8521 • FAX: 714/632-6754

March 1, 1999

Project No. 1576

Larry Patsouras  
c/o Trutanich & Michel  
Attorneys at Law  
407 North Harbor Boulevard  
San Pedro, CA 90731

Attention: Carmen A. Trutanich, Esq.

**SUBJECT: REPORT ON SOIL SAMPLING AND TESTING**  
**11630-11700 Burke Street**  
**Santa Fe Springs, California**

CALIFORNIA DEPARTMENT OF WATER  
 RESOURCES  
 2000 DEC 1 AM 8 56  
 LOS ANGELES REGION

Gentlemen:

As requested, Environmental Audit, Inc. (EAI) completed soil sampling and testing associated with clarifiers and other subsurface impoundment's (collectively hereinafter referred to as "Clarifiers") recently removed from the property identified as 11630-11700 Burke Street, Santa Fe Springs, California (hereinafter referred to as "the Site") (see Figure 1). The Clarifiers were all associated with the West Parcel of the Site which, until recently, was occupied by Talco Plastics (see Figure 2).

This report provides a brief summary of previous soil and ground water sampling and testing completed at the Site, and the results of the 1999 soil sampling and testing completed for the Clarifiers.

## **1.0 BACKGROUND**

Several soil and ground water investigations of the Site have been conducted by EAI and others. Based on the results of these investigations, EAI prepared a Remedial Action Plan (RAP) for Site soils dated June 16, 1997. The RAP was approved by the City of Santa Fe Springs Fire Department (City Fire) on January 7, 1998, with the provision that a Health and Safety Plan (HASP) be submitted for City Fire review and approval, prior to implementation of the RAP. On February 2, 1998, City Fire approved the EAI HASP. The remedial actions outlined in the approved RAP have yet to be implemented.

Talco Plastics has occupied (leased) the West Parcel of the Site for many years. Recently, Talco Plastics relocated its operations to a new facility. As part of these activities, Talco Plastics removed in 1998 the underground storage tanks (USTs) located on the West Parcel (see Figure 2). On May 1, 1998, City Fire issued a "No Further Action" letter to Talco Plastics for these USTs (see Attachment A).

Talco Plastics is currently in the final stages of demolishing and removing buildings and other structures from the West Parcel of the Site. Several Clarifiers have been removed, pursuant to a permit(s) issued by the City of Santa Fe Springs, as part of these activities. Reportedly, the City of Santa Fe Springs did not require soil sampling and testing to be completed as part of the Clarifier removal activities.

## 2.0 SOIL SAMPLING AND TESTING

On February 10, 1999, 11 soil samples were collected from the Site as approximately shown on Figure 2. The samples were collected using a geoprobe. Each soil sample was tested for total recoverable petroleum hydrocarbons (TRPH) by EPA Method 418.1, and volatile organic compounds by EPA Method 8260. Table 1 summarizes the results of the testing. Attachment B contains the chain of custody records and laboratory reoports.

**Table 1**  
**Summary of Soil Testing Results**  
(in parts per million)

Sample ID	TRPH (418.1)	VOCs (8260)
S-1@10'	ND	ND
S-2@10'	ND	ND
S-3@10'	ND	ND
S-4@10'	ND	ND
S-5@10'	ND	ND
S-6@10'	ND	ND
S-7@10'	ND	ND
S-8@10'	ND	ND
Pit @6'	ND	ND
S-9@10'	ND	ND
S-10@10'	ND	ND

ND = Not Detected; see Attachment B for detection limits.

## 3.0 LIMITATION

Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities. This report has been prepared for Larry Patsouras. No other warranty, expressed or implied, is made.

L. Patsouras  
March 1, 1999  
Page 3

Project No. 1576

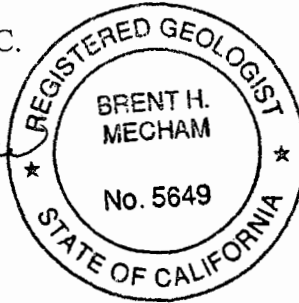
Please call me at 714/632-8521, ext. 226 or Steven Bright at ext. 224 if you have any questions or need additional information.

Sincerely,

ENVIRONMENTAL AUDIT, INC.

*Brent H. Mecham*

Brent H. Mecham, R.G.  
Senior Geologist



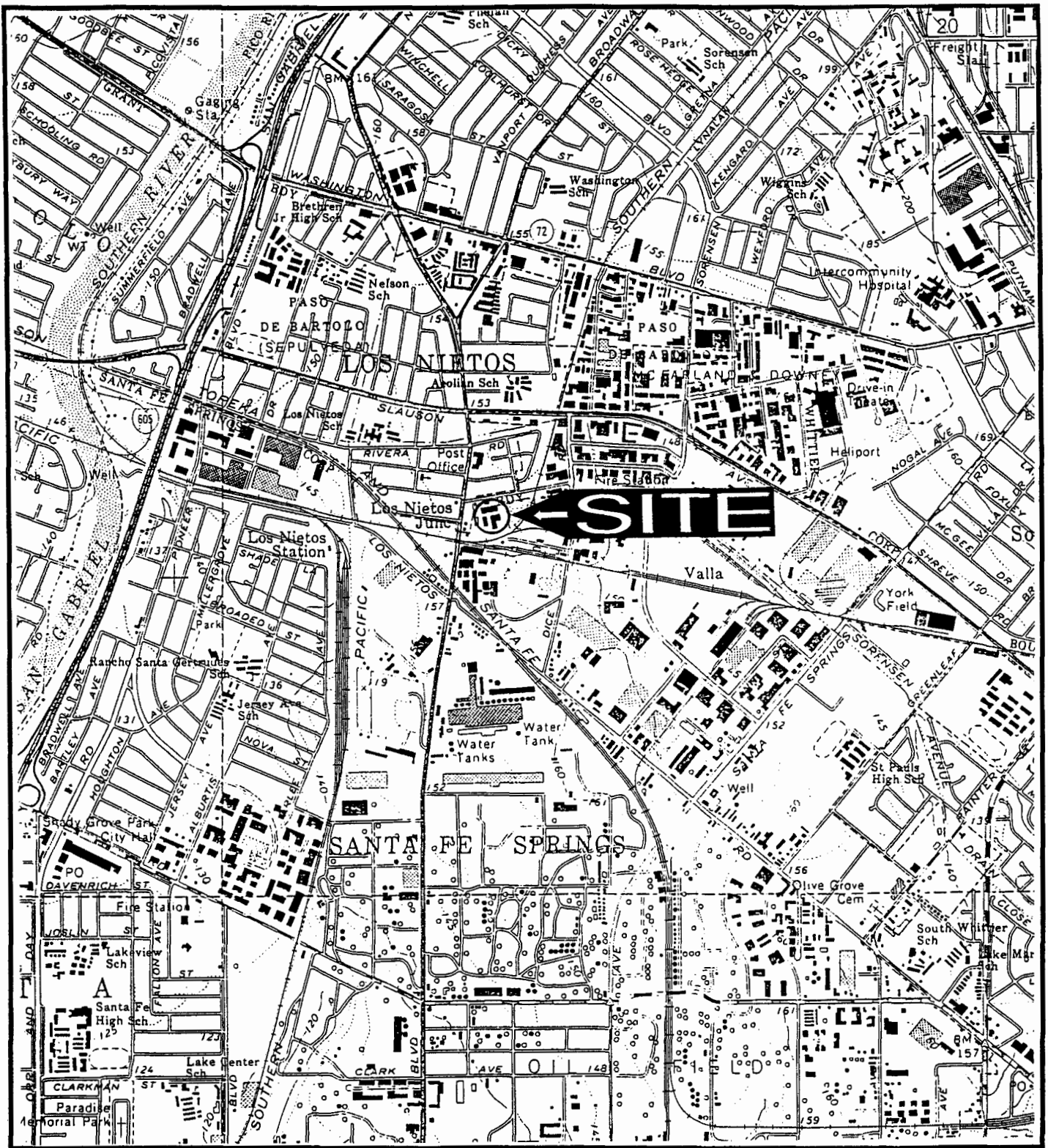
BHM:SAB:sh

attachments: Figures 1 and 2  
Fire Department Letter Dated May 1, 1998  
Chain of Custody Records and Laboratory Reports

cc: Larry Patsouras (w/attachments) 3 copies

SAB.WORD:SOILREPORT

## FIGURES



**ENVIRONMENTAL AUDIT, INC.**

LOCATION MAP  
11630-11700 Burke Street  
Santa Fe Springs, California

0 2000 feet



Figure 1

SOURCE: PORTIONS OF USGS TOPOGRAPHIC 7.5 MINUTE SERIES  
WHITTIER CALIFORNIA QUADRANGLE

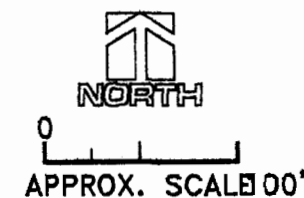
Project No. 1576

1576/1576-LM.CDR



TECHNI-BRAZE, INC.  
PROPERTY  
11845 BURKE STREET  
SANTA FE SPRINGS

PILOT CHEMICAL COMPANY  
PROPERTY  
11756 BURKE STREET  
SANTA FE SPRINGS



#### EXPLANATION:

- ABANDONED CLARIFIER
- ⊞ ELECTRICAL TRANSFORMER
- B-1 ● PSI BORING (AUGUST 3, 1994)
- E-1 ○ EAI BORING (NOVEMBER-DECEMBER 1994)
- MW-1 ⊕ EAI MONITORING WELL (OCTOBER 3, 1995)
- MW-2 ⊕ EAI MONITORING WELL (DECEMBER, 1996)
- SS-1 ○ EAI BORINGS (DECEMBER 23, 1996)
- MW-03 ⊕ PHIBRO-TECH MONITORING WELL
- S-3 ● EAI BORING (FEBRUARY 10, 1999)

ORIGINAL IN COLOR



**ENVIRONMENTAL AUDIT, INC.**

1000-A ORTEGA WAY • PLACENTIA, CA 92670-7125  
714/632-8521 • FAX: 714/632-6754

#### SITE PLAN

DRAWN BY	DATE CREATED
M.C.	11/21/94
CHECKED	LAST REV
	02/19/99
SIZE	FIGURE
17x11	2
FILE NAME	
D:\1576\15760101	

11630 TO 11700 BURKE STREET  
SANTA FE SPRINGS, CA 90670

PHIBRO-TECH, INC.  
PROPERTY  
8851 DICE ROAD  
SANTA FE SPRINGS

**ATTACHMENT A**  
**Fire Department Letter Dated May 1, 1998**

Dec-14-98 16:04 15910 Ventura Blvd. #1650

P.02

# Fire Department CITY OF SANTA FE SPRINGS



HEADQUARTERS FIRE STATION • (562) 944-8713 • FAX (562) 941-1817  
11300 GREENSTONE AVE. • SANTA FE SPRINGS 90670-4815

May 1, 1998

Mr. John Pavloff  
Talco Plastics  
11650 Burke Street  
Santa Fe Springs, CA 90670

Dear Mr. Pavloff:

**SUBJECT: UNDERGROUND STORAGE TANK CASE CLOSURE**  
**LOCATION: 11650 BURKE STREET, SANTA FE SPRINGS**

This letter confirms the completion of a site investigation and remediation action for the underground storage tank(s) formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact Brenda Nelson of this office at (562) 944-9713 if you have any questions regarding this matter.

Sincerely,

NORBERT P. SCHNABEL, FIRE CHIEF

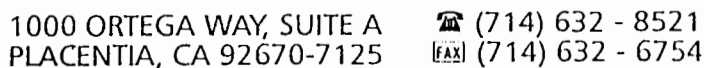
David R. Klunk  
Director of Environmental  
Protection Services

NPS/dk/bn

cc: Louis Knickerbocker  
Petro-Clean, Inc.  
340 S. Alvarado Street  
Los Angeles, CA 92627



**ATTACHMENT B**  
**Chain of Custody Records**  
**And**  
**Laboratory Reports**



SAME DAY ☐ 24hr ☐ 48hr ☐ NORMAL ☒

(1) Rev 3/79 C-4-C.PM3



# Environmental Audit, Inc.

Planning, Environmental Analyses and Hazardous  
Substances Management and Remediation

1000 ORTEGA WAY, SUITE A (714) 632 - 8521  
PLACENTIA, CA 92670-7125 FAX (714) 632 - 6754

## Chain of Custody Record

SAMPLING REQUIREMENTS: RCRA ☐ NPDES ☐ SDWA ☐ ☐

WRITTEN QC REPORT

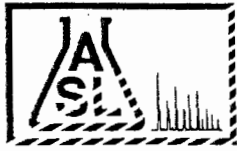
ROUTINE QC ☒

RWQCB QC ☐

TURNAROUND TIME:

SAME DAY ☐ 24hr ☐ 48hr ☐ NORMAL ☒

PROJECT NO.		PROJECT NAME		CONTR TYPE		ANALYSES REQUESTED												REMARKS				
1576		Burke Street																Call at EAI if any questions				
SAMPLER: (Signature)				PROJECT MANAGER:																		
B. Merhan				Brent Meckum																		
SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION	GLASS	PLASTIC	BRASS/SS TUBE	TPH-D 8015M	TPH-G 8015M	TPRH 418.1	BTEX 602 8020	VOC 624 8240	EOC 625 8270	OIL & GREASE	CAM METALS TOT WET	LEAD	HVOC 601 8010	8260	NUMBER OF CONTAINERS		
S-8@10'	2/11/99	14:30	/	/	Soil			/		/								/		1	31091	
PIT@6'	"	14:40	/	/	Soil			/		/								/		1	31092	
S-9@10'	"	15:20	/	/	Soil			/		/								/		1	31093	
S-10@10'	"	15:40	/	/	Soil			/		/								/		1	31094	
																					TOTAL NUMBER OF CONTAINERS	4
RELINQUISHED BY: (Signature)				DATE/TIME		RECEIVED BY: (Signature)				RELINQUISHED BY: (Signature)				DATE/TIME		RECEIVED BY: (Signature)						
B. Merhan				2/11/99 1:30																		
RELINQUISHED BY: (Signature)				DATE/TIME		RECEIVED BY: (Signature)				RELINQUISHED BY: (Signature)				DATE/TIME		RECEIVED BY: (Signature)						
SAMPLES SHIPPED VIA:						SHIPPED BY: (Signature)				COURIER: (Signature)				RECEIVED FOR BY: (Signature)				DATE/TIME				
FEDEX <input type="checkbox"/> UPS <input type="checkbox"/> AIRBORNE <input type="checkbox"/>																						
BUS <input type="checkbox"/> HAND <input type="checkbox"/> <input type="checkbox"/>																						
														LAB: ASL				2/11 1:30				



AMERICAN SCIENTIFIC LABORATORIES, LLC  
*Environmental Testing Services*

Environmental Audit, Inc.  
1000-A Ortega Way  
Placentia, CA 92870

Number of Pages: 10  
Date Received : 02/11/99  
Date Reported : 02/17/99

Attn : Brent Mecham  
Phone: 714/632-8521

ASL Job Number: 4602

Project Name : Burke Street  
Project Number : 1756

Enclosed are the results of analyses on 11 soil samples  
analyzed as specified on attached chain of custody.

Checked By

Wenhu

Approved By

Robert G. Araghi  
ROBERT G. ARAGHI  
LABORATORY DIRECTOR



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

Page: 2

Report To: (EAI)  
Environmental Audit, Inc.  
1000-A Ortega Way  
Placentia, CA 92870

Attn: Brent Mecham

Phone: 714/632-8521

Method:	(418.1)				
Matrix:	Total Recoverable Petroleum Hydrocarbons				
Units:	Soil				
	mg/kg				
Lab ID:	31084	31085	31086	31087	
Sample No:	S-1 @10'	S-2 @10'	S-3 @10'	S-4 @10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	02/12/99	
Date Analyzed:	02/16/99	02/16/99	02/16/99	02/16/99	Detection Limit
TRPH	ND	ND	ND	ND	10

Quality Control Report

	Spike %REC.	Spike DUP. %REC.	AVG. RPD
TRPH	114	112	1.8

ND - Not Detected at The Detection Limit





AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

Page: 3

Report To: (EAI)  
Environmental Audit, Inc.  
1000-A Ortega Way  
Placentia, CA 92870

Attn: Brent Mecham

Phone: 714/632-8521

Method:	(418.1)				
Matrix:	Total Recoverable Petroleum Hydrocarbons				
Units:	Soil				
	mg/kg				
Lab ID:	31088	31089	31090	31091	
Sample No:	S-5 @10'	S-6 @10'	S-7 @10'	S-8 @10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	02/12/99	
Date Analyzed:	02/16/99	02/16/99	02/16/99	02/16/99	Detection Limit
TRPH	ND	ND	ND	ND	10

Quality Control Report

	Spike %REC.	Spike DUP. %REC.	AVG. RPD
TRPH	114	112	1.8

ND - Not Detected at The Detection Limit



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

Page: 4

Report To: (EAI)  
Environmental Audit, Inc.  
1000-A Ortega Way  
Placentia, CA 92870

Attn: Brent Mecham

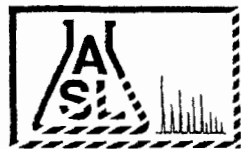
Phone: 714/632-8521

Method:	(418.1)			
	Total Recoverable Petroleum Hydrocarbons			
Matrix:	Soil			
Units:	mg/kg			
Lab ID:	31092	31093	31094	
Sample No:	PIT@6'	S-9@10'	S-10@10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	Detection
Date Analyzed:	02/16/99	02/16/99	02/16/99	Limit
TRPH	ND	ND	ND	10

Quality Control Report

	Spike %REC.	Spike DUP. %REC.	AVG. RPD
TRPH	114	112	1.8

ND - Not Detected at The Detection Limit



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

Page: 5

Report To: (EAI)  
Environmental Audit, Inc.  
1000-A Ortega Way  
Placentia, CA 92870

Attn: Brent Mecham

Phone: 714/632-8521

Method: (8260)  
Volatile Organic Compounds  
Matrix: Soil  
Units: ug/kg

Lab ID:	31084	31085	31086	31087	
Sample No:	S-1 @10'	S-2 @10'	S-3 @10'	S-4 @10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	02/12/99	
Date Analyzed:	02/12/99	02/12/99	02/12/99	02/12/99	Detection Limit

Benzene	ND	ND	ND	ND	10
Bromobenzene	ND	ND	ND	ND	10
Bromochloromethane	ND	ND	ND	ND	10
Bromodichloromethane	ND	ND	ND	ND	10
Bromoform	ND	ND	ND	ND	50
Bromomethane	ND	ND	ND	ND	30
N- Butylbenzene	ND	ND	ND	ND	10
SEC- Butylbenzene	ND	ND	ND	ND	10
TERT- Butylbenzene	ND	ND	ND	ND	10
Carbon Tetrachloride	ND	ND	ND	ND	10
Chlorobenzene	ND	ND	ND	ND	10
Chloroethane	ND	ND	ND	ND	30
Chloroform	ND	ND	ND	ND	10
Chloromethane	ND	ND	ND	ND	30
4- Chlorotoluene	ND	ND	ND	ND	10
2- Chlorotoluene	ND	ND	ND	ND	10
1,2 Dibromo-3-Chloropropane	ND	ND	ND	ND	50
Dibromochloromethane	ND	ND	ND	ND	10
1,2 Dibromoethane	ND	ND	ND	ND	10
Dibromomethane	ND	ND	ND	ND	10
1,2 Dichlorobenzene	ND	ND	ND	ND	10
1,3 Dichlorobenzene	ND	ND	ND	ND	10
1,4 Dichlorobenzene	ND	ND	ND	ND	10
Dichlorodifluoromethane	ND	ND	ND	ND	30
1,1 Dichloroethane	ND	ND	ND	ND	10
1,2 Dichloroethane	ND	ND	ND	ND	10
1,1 Dichloroethene	ND	ND	ND	ND	10
CIS 1,2 Dichloroethene	ND	ND	ND	ND	10
TRANS 1,2 Dichloroethene	ND	ND	ND	ND	10
1,2 Dichloropropane	ND	ND	ND	ND	10
1,3 Dichloropropane	ND	ND	ND	ND	10
2,2 Dichloropropane	ND	ND	ND	ND	10
1,1 Dichloropropene	ND	ND	ND	ND	10
CIS 1,3 Dichloropropene	ND	ND	ND	ND	10
TRANS 1,3 Dichloropropene	ND	ND	ND	ND	10
Ethylbenzene	ND	ND	ND	ND	10
Hexachlorobutadiene	ND	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	ND	10
P- Isopropyltoluene	ND	ND	ND	ND	10
Methylene Chloride	ND	ND	ND	ND	50
Naphthalene	ND	ND	ND	ND	10
N- Propylbenzene	ND	ND	ND	ND	10

(Continued)

ND - Not Detected at The Detection Limit



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

Page: 6

Lab ID:	31084	31085	31086	31087	
Sample No:	S-1 @10'	S-2 @10'	S-3 @10'	S-4 @10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	02/12/99	
Date Analyzed:	02/12/99	02/12/99	02/12/99	02/12/99	Detection Limit

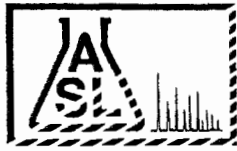
	31084	31085	31086	31087	Detection Limit
Styrene	ND	ND	ND	ND	10
1,1,1,2 Tetrachloroethane	ND	ND	ND	ND	10
1,1,2,2 Tetrachloroethane	ND	ND	ND	ND	10
Tetrachloroethene	ND	ND	ND	ND	10
Toluene	ND	ND	ND	ND	10
1,2,3 Trichlorobenzene	ND	ND	ND	ND	10
1,2,4 Trichlorobenzene	ND	ND	ND	ND	10
1,1,1 Trichloroethane	ND	ND	ND	ND	10
1,1,2 Trichloroethane	ND	ND	ND	ND	10
Trichloroethene	ND	ND	ND	ND	10
Trichlorofluoromethane	ND	ND	ND	ND	10
1,2,3 Trichloropropane	ND	ND	ND	ND	10
1,2,4 Trimethylbenzene	ND	ND	ND	ND	10
1,3,5 Trimethylbenzene	ND	ND	ND	ND	10
Vinyl Chloride	ND	ND	ND	ND	30
O- Xylene	ND	ND	ND	ND	10
M- & P- Xylenes	ND	ND	ND	ND	20

Quality Control Report

Lab ID:	31084	31085	31086	31087
Surrogate %REC.				
Bromofluorobenzene	101	102	100	99
Dibromofluoromethane	100	100	101	100
Toluene-d8	101	102	101	100

	Spike %REC.	Spike DUP. %REC.	AVG. RPD
Benzene	103	107	3.8
Chlorobenzene	102	107	4.8
1,1 Dichloroethene	91	93	2.2
Toluene	104	106	1.9
Trichloroethene	108	112	3.6

ND - Not Detected at The Detection Limit



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

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Report To: (EAI)  
Environmental Audit, Inc.  
1000-A Ortega Way  
Placentia, CA 92870

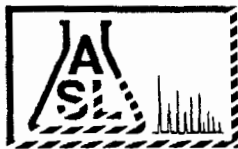
Attn: Brent Mecham

Phone: 714/632-8521

Method:	(8260)				
Matrix:	Volatile Organic Compounds				
Units:	Soil ug/kg				
Lab ID:	31088	31089	31090	31091	
Sample No:	S-5 @10'	S-6 @10'	S-7 @10'	S-8 @10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	02/10/99	Detection Limit
Date Extracted:	02/12/99	02/12/99	02/12/99	02/12/99	
Date Analyzed:	02/12/99	02/12/99	02/12/99	02/12/99	
Benzene	ND	ND	ND	ND	10
Bromobenzene	ND	ND	ND	ND	10
Bromochloromethane	ND	ND	ND	ND	10
Bromodichloromethane	ND	ND	ND	ND	10
Bromoform	ND	ND	ND	ND	50
Bromomethane	ND	ND	ND	ND	30
N- Butylbenzene	ND	ND	ND	ND	10
SEC- Butylbenzene	ND	ND	ND	ND	10
TERT- Butylbenzene	ND	ND	ND	ND	10
Carbon Tetrachloride	ND	ND	ND	ND	10
Chlorobenzene	ND	ND	ND	ND	10
Chloroethane	ND	ND	ND	ND	30
Chloroform	ND	ND	ND	ND	10
Chloromethane	ND	ND	ND	ND	30
4- Chlorotoluene	ND	ND	ND	ND	10
2- Chlorotoluene	ND	ND	ND	ND	10
1,2 Dibromo-3-Chloropropane	ND	ND	ND	ND	50
Dibromochloromethane	ND	ND	ND	ND	10
1,2 Dibromoethane	ND	ND	ND	ND	10
Dibromomethane	ND	ND	ND	ND	10
1,2 Dichlorobenzene	ND	ND	ND	ND	10
1,3 Dichlorobenzene	ND	ND	ND	ND	10
1,4 Dichlorobenzene	ND	ND	ND	ND	10
Dichlorodifluoromethane	ND	ND	ND	ND	30
1,1 Dichloroethane	ND	ND	ND	ND	10
1,2 Dichloroethane	ND	ND	ND	ND	10
1,1 Dichloroethene	ND	ND	ND	ND	10
CIS 1,2 Dichloroethene	ND	ND	ND	ND	10
TRANS 1,2 Dichloroethene	ND	ND	ND	ND	10
1,2 Dichloropropane	ND	ND	ND	ND	10
1,3 Dichloropropane	ND	ND	ND	ND	10
2,2 Dichloropropane	ND	ND	ND	ND	10
1,1 Dichloropropene	ND	ND	ND	ND	10
CIS 1,3 Dichloropropene	ND	ND	ND	ND	10
TRANS 1,3 Dichloropropene	ND	ND	ND	ND	10
Ethylbenzene	ND	ND	ND	ND	10
Hexachlorobutadiene	ND	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	ND	10
P- Isopropyltoluene	ND	ND	ND	ND	10
Methylene Chloride	ND	ND	ND	ND	50
Naphthalene	ND	ND	ND	ND	10
N- Propylbenzne	ND	ND	ND	ND	10

ND - Not Detected at The Detection Limit





AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

Page: 8

Lab ID:	31088	31089	31090	31091	
Sample No:	S-5 @10'	S-6 @10'	S-7 @10'	S-8 @10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	02/12/99	
Date Analyzed:	02/12/99	02/12/99	02/12/99	02/12/99	Detection Limit
Styrene	ND	ND	ND	ND	10
1,1,1,2 Tetrachloroethane	ND	ND	ND	ND	10
1,1,2,2 Tetrachloroethane	ND	ND	ND	ND	10
Tetrachloroethene	ND	ND	ND	ND	10
Toluene	ND	ND	ND	ND	10
1,2,3 Trichlorobenzene	ND	ND	ND	ND	10
1,2,4 Trichlorobenzene	ND	ND	ND	ND	10
1,1,1 Trichloroethane	ND	ND	ND	ND	10
1,1,2 Trichloroethane	ND	ND	ND	ND	10
Trichloroethene	ND	ND	ND	ND	10
Trichlorofluoromethane	ND	ND	ND	ND	10
1,2,3 Trichloropropane	ND	ND	ND	ND	10
1,2,4 Trimethylbenzene	ND	ND	ND	ND	10
1,3,5 Trimethylbenzene	ND	ND	ND	ND	10
Vinyl Chloride	ND	ND	ND	ND	30
O- Xylene	ND	ND	ND	ND	10
M- & P- Xylenes	ND	ND	ND	ND	20

Quality Control Report

Lab ID:	31088	31089	31090	31091
Surrogate %REC.				
Bromofluorobenzene	100	101	98	98
Dibromofluoromethane	101	102	100	100
Toluene-d8	101	101	101	100

	Spike %REC.	Spike DUP. %REC.	AVG. RPD
Benzene	103	107	3.8
Chlorobenzene	102	107	4.8
1,1 Dichloroethene	91	93	2.2
Toluene	104	106	1.9
Trichloroethene	108	112	3.6

ND - Not Detected at The Detection Limit



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

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Report To: (EAI)  
Environmental Audit, Inc.  
1000-A Ortega Way  
Placentia, CA 92870

Attn: Brent Mecham

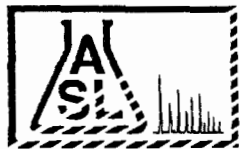
Phone: 714/632-8521

Method:	(8260)			
Matrix:	Volatile Organic Compounds			
Units:	Soil ug/kg			
Lab ID:	31092	31093	31094	
Sample No:	PIT@6'	S-9@10'	S-10@10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	Detection
Date Analyzed:	02/12/99	02/12/99	02/12/99	Limit

Benzene	ND	ND	ND	10
Bromobenzene	ND	ND	ND	10
Bromochloromethane	ND	ND	ND	10
Bromodichloromethane	ND	ND	ND	10
Bromoform	ND	ND	ND	50
Bromomethane	ND	ND	ND	30
N- Butylbenzene	ND	ND	ND	10
SEC- Butylbenzene	ND	ND	ND	10
TERT- Butylbenzene	ND	ND	ND	10
Carbon Tetrachloride	ND	ND	ND	10
Chlorobenzene	ND	ND	ND	10
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	10
Chloromethane	ND	ND	ND	30
4- Chlorotoluene	ND	ND	ND	10
2- Chlorotoluene	ND	ND	ND	10
1,2 Dibromo-3-Chloropropane	ND	ND	ND	50
Dibromochloromethane	ND	ND	ND	10
1,2 Dibromoethane	ND	ND	ND	10
Dibromomethane	ND	ND	ND	10
1,2 Dichlorobenzene	ND	ND	ND	10
1,3 Dichlorobenzene	ND	ND	ND	10
1,4 Dichlorobenzene	ND	ND	ND	10
Dichlorodifluoromethane	ND	ND	ND	30
1,1 Dichloroethane	ND	ND	ND	10
1,2 Dichloroethane	ND	ND	ND	10
1,1 Dichloroethene	ND	ND	ND	10
CIS 1,2 Dichloroethene	ND	ND	ND	10
TRNS 1,2 Dichloroethene	ND	ND	ND	10
1,2 Dichloropropane	ND	ND	ND	10
1,3 Dichloropropane	ND	ND	ND	10
2,2 Dichloropropane	ND	ND	ND	10
1,1 Dichloropropene	ND	ND	ND	10
CIS 1,3 Dichloropropene	ND	ND	ND	10
TRNS 1,3 Dichloropropene	ND	ND	ND	10
Ethylbenzene	ND	ND	ND	10
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	10
P- Isopropyltoluene	ND	ND	ND	10
Methylene Chloride	ND	ND	ND	50
Naphthalene	ND	ND	ND	10
N- Propylbenzene	ND	ND	ND	10

(Continued)

ND - Not Detected at The Detection Limit



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

ANALYTICAL RESULTS

ASL Job No: 4602  
Project ID: 1756  
Project Name: Burke Street

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Lab ID:	31092	31093	31094	
Sample No:	PIT@6'	S-9@10'	S-10@10'	
Date Sampled:	02/10/99	02/10/99	02/10/99	
Date Extracted:	02/12/99	02/12/99	02/12/99	Detection
Date Analyzed:	02/12/99	02/12/99	02/12/99	Limit

	31092	31093	31094	Detection Limit
Styrene	ND	ND	ND	10
1,1,1,2 Tetrachloroethane	ND	ND	ND	10
1,1,2,2 Tetrachloroethane	ND	ND	ND	10
Tetrachloroethene	ND	ND	ND	10
Toluene	ND	ND	ND	10
1,2,3 Trichlorobenzene	ND	ND	ND	10
1,2,4 Trichlorobenzene	ND	ND	ND	10
1,1,1 Trichloroethane	ND	ND	ND	10
1,1,2 Trichloroethane	ND	ND	ND	10
Trichloroethene	ND	ND	ND	10
Trichlorofluoromethane	ND	ND	ND	10
1,2,3 Trichloropropane	ND	ND	ND	10
1,2,4 Trimethylbenzene	ND	ND	ND	10
1,3,5 Trimethylbenzene	ND	ND	ND	10
Vinyl Chloride	ND	ND	ND	30
O- Xylene	ND	ND	ND	10
M- & P- Xylenes	ND	ND	ND	20

Quality Control Report

Lab ID:	31092	31093	31094
Surrogate %REC.			
Bromofluorobenzene	102	97	98
Dibromofluoromethane	83	101	103
Toluene-d8	98	100	100

	Spike %REC.	Spike DUP. %REC.	AVG. RPD
Benzene	103	107	3.8
Chlorobenzene	102	107	4.8
1,1 Dichloroethene	91	93	2.2
Toluene	104	106	1.9
Trichloroethene	108	112	3.6

ND - Not Detected at The Detection Limit